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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/801,724	03/09/2001	Maki Okuno	2001-0275A	4689

513 7590 10/05/2004

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WASHINGTON, DC 20006-1021

EXAMINER

BURGE, LONDRA C

ART UNIT	PAPER NUMBER
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2178

DATE MAILED: 10/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/801,724

Applicant(s)

OKUNO ET AL.

Examiner

Londra C Burge

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 09 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. This action is responsive to communications: Original application and preliminary amendment filed 3/9/2001.
2. Claims 1-20 are pending. Claims 1, 4, 7, 10, 13 and 16 are independent claims.

***Priority***

3. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. 09/801,724, filed on 3/9/2001.

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1, 3-4, 6-7, 9 and 18-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Sunaga et al. (herein after Sunaga) U.S. Patent No. 6,594,652 B1.

In regard to independent claim 1, Sunaga discloses *an information creation unit for creating contents information corresponding to contents of the document, and edition information for edition of the contents information, according to information inputting operation* (Sunaga Col 8 Lines 55-67 and Col 9 Lines 1-25); *an information transmitter for transmitting*

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*the contents information and the edition information to the information processing server (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8); a display data receiver for receiving display data for display of the document, which is transmitted from the information processing server (Sunaga Col 7 Lines 34-43); and a display unit for displaying the document on the basis of the display data. (Sunaga Col 6 Lines 41-50)*

**In regard to dependent claim 3,** *Sunaga discloses wherein said information transmitter has a transfer information transmission section for transmitting transfer information which designates a server as a destination of the document data created by the information processing server, to the information processing server. (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8)*

**In regard to independent claim 4,** *Sunaga discloses an information receiver for receiving the transmission information supplied from the transmission terminal (Sunaga Col 7 Lines 34-43); a data edition unit for generating the document data on the basis of the received transmission information (Sunaga Col 8 Lines 55-67 and Col 9 Lines 1-25); a display data transmitter for transmitting display data for display of the document, to the transmission terminal (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8); a first data transmitter for transmitting first data as a component of the document data, to the destination reception terminal (Sunaga Col 5 Lines 5-2, Col 60-67, Col 7 Lines 1-8 and Col 2 Lines 3-15); and a second data transmitter having a data storage section to hold second data as a component of the document data, and transmitting the second data to the destination reception terminal according to a data request from the destination reception terminal. (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8 and Col 2 Lines 3-15)*

**In regard to dependent claim 6,** Sunaga discloses *further including a display data transmitter for transmitting display data for display of the document, to the transmission terminal.* (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8)

**In regard to independent claim 7,** Sunaga discloses *an information receiver for receiving the transmission information from the transmission terminal* (Sunaga Col 7 Lines 34-43); *a data edition unit for generating the document data on the basis of the received transmission information* (Sunaga Col 8 Lines 55-67 and Col 9 Lines 1-25); *a first data transmitter for transmitting first data as a component of the document data, to the destination reception terminal* (Sunaga Col 5 Lines 5-2, Col 60-67, Col 7 Lines 1-8 and Col 2 Lines 3-15); *a first data storage unit for holding second data as a component of the document data* (Sunaga Col 9 Lines 26-37 and Col 2 Lines 3-15); *and a second data storage unit for holding the second data supplied from the transmission-side server* (Sunaga Col 9 Lines 26-37 and Col 2 Lines 3-15); *and a second data transmitter from transmitting the second data storage in the second data storage unit to the destination reception terminal, according to a data request from the reception terminal.* (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8 and Col 2 Lines 3-15)

**In regard to dependent claim 9,** Sunaga discloses *wherein said transmission-side server is provided with a display data transmitter for transmitting display data for display of the document, to the transmission terminal.* (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8)

**In regard to dependent claim 18,** Sunaga discloses *wherein said display data transmitter transmits, as the display data for display of the document data, a display program including edition data generated in the data edition unit, or image data indicating the edited*

*document data in the static state, or a disgust of the edited document data.* (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8) (Sunaga Col 4 Lines 41-46)

**In regard to dependent claim 19,** Sunaga discloses *wherein said display data transmitter transmits, as the display data for display of the document data, a display program including edition data generated in the data edition unit, or image data indicating the edited document data in the static state, or a disgust of the edited document data.* (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8) (Sunaga Col 4 Lines 41-46)

6. **Claims 2, 5, 8, 10-17 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sunaga et al. (herein after Sunaga) as applied to claims 1, 4 and 7, in view of Holleran et al. (herein after Holleran) U.S. Patent No. 5,781,189 filed 5/5/1995.**

**In regard to dependent claim 2,** Sunaga discloses *a contents information creation section for creating the contents information* (Sunaga Col 8 Lines 55-67 and Col 9 Lines 1-25); *and said information transmitter comprises; a ... information transmission section for transmitting the ... information read from the ... information storage unit, to the information processing server* (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8); *and a contents information created in the contents creation section, to the information processing server.* (Sunaga Col 8 Lines 55-67 and Col 9 Lines 1-25) (Sunaga Col 6 Lines 41-50)

Sunaga does not specifically disclose *and a layout information storage section for holding various kinds of layout information indicating layouts of the contents in the document; specific layout information is read from the layout information storage, as the edition information.* However, Holleran mentions certain layouts of information (Holleran Col 11 Lines

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20-33). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Holleran to Sunaga, providing Sunaga the benefit of having various layouts of contents, which would be compatible to different documents.

**In regard to dependent claim 5**, Sunaga discloses *said information receiver receives, as the transmission information from the transmission terminal* (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8).

Sunaga does not specifically disclose *contents information corresponding to contents of the document and layout information indicating the layout of the contents in the document; and said data edition unit edits the contents information on the basis of the layout information to generate the document data*. However, Holleran mentions certain layouts of information (Holleran Col 11 Lines 20-33). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Holleran to Sunaga, providing Sunaga the benefit of having various layouts of contents, which would be compatible to different documents.

**In regard to dependent claim 8**, Sunaga discloses *the information receiver in the transmission-side server receives, as the transmission information from the transmission terminal, contents information corresponding to contents of the document* (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8).

Sunaga does not specifically disclose *layout information indicating the layout of the contents; and the data edition unit in the transmission-side server edits the contents information on the basis of the layout information to generate the document data*. However, Holleran mentions certain layouts of information (Holleran Col 11 Lines 20-33). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Holleran to



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Sunaga, providing Sunaga the benefit of having various layouts of contents, which would be compatible to different documents.

**In regard to independent claim 10**, Sunaga discloses *an information receiver for receiving the transmission information from the transmission terminal* (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8); *a first data transmitter for transmitting first data as a component of the document data, to the destination reception terminal; and a second data transmitter having a data storage unit for holding second data as a component of the document, and transmitting the second data to the destination reception terminal according to a data request from the reception terminal.*

Sunaga does not specifically disclose *a layout information storage unit for holding plural pieces of layout information indicating examples of layouts of the contents in the document; a data edition unit for editing the contents information on the basis of the transmission information and the layout information designated by the transmission information.* However, Holleran mentions certain layouts of information and examples (Holleran Col 11 Lines 20-33 and Col 8 Lines 1-6). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Holleran to Sunaga, providing Sunaga the benefit of having various layouts and examples of contents, which would be compatible to different documents.

**In regard to dependent claim 11**, Sunaga discloses *said information receiver receives, as the transmission information from the transmission terminal, contents information corresponding to contents of the document* (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8).

Sunaga does not specifically disclose *layout designation information, which designates a layout of the contents in the document information; and the data edition unit edits the contents information on the basis of the layout information to generate the document data*. However, Holleran mentions certain layouts of information (Holleran Col 11 Lines 20-33). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Holleran to Sunaga, providing Sunaga the benefit of having various layouts of contents, which would be compatible to different documents.

**In regard to dependent claim 12,** Sunaga discloses *further includes a display data transmitter for transmitting display data for display of the document, to the transmission terminal*. (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8)

**In regard to independent claim 13,** Sunaga discloses *an information receiver for receiving the transmission information from the transmission terminal* (Sunaga Col 7 Lines 34-43); *a first data transmitter for transmitting first data as a component of the document data, to the destination reception terminal* (Sunaga Col 5 Lines 5-2, Col 60-67, Col 7 Lines 1-8 and Col 2 Lines 3-15); *a first data storage unit for holding second data as a component of the document data* (Sunaga Col 9 Lines 26-37 and Col 2 Lines 3-15); *and each of said reception-side servers is provided with a second data storage unit for holding the second data supplied from the transmission-side server, and transmits the second data stored in the second data storage unit to destination reception terminal, according to a data request from the reception terminal*. (Sunaga Col 7 Lines 34-43 and Col 8 Lines 44-53)

Sunaga does not specifically disclose *a layout information storage unit for holding plural pieces of layout information indicating examples of layouts of the contents in the document; a*

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*data edition unit for editing the contents information on the basis of the transmission information and the layout information designated by the transmission information to generate the document data.* However, Holleran mentions certain layouts of information and examples (Holleran Col 11 Lines 20-33 and Col 8 Lines 1-6). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Holleran to Sunaga, providing Sunaga the benefit of having various layouts and examples of contents, which would be compatible to different documents.

**In regard to dependent claim 14,** Sunaga discloses *wherein said transmission-side server is provided with a transfer information receiver for receiving transfer information supplied from the transmission terminal, said transfer information designating a reception-side server as a destination of the second data stored in the first data storage unit, and the second data is transmitted to the reception-side server designated by the transfer information.* (Sunaga Col 7 Lines 34-43) (Sunaga Col 7 Lines 34-43 and Col 8 Lines 44-53)

**In regard to dependent claim 15,** Sunaga discloses *wherein said transmission-side server is provided with a transfer information receiver for receiving transfer information supplied from the reception terminal, said transfer information designating a reception-side server as a destination of the second data stored in the first data storage unit, and the second data is transmitted to the reception-side server designated by the transfer information.* (Sunaga Col 7 Lines 34-43) (Sunaga Col 7 Lines 34-43 and Col 8 Lines 44-53)

**In regard to dependent claim 16,** Sunaga discloses *a first receiver for receiving first data as a component of the document data* (Sunaga Col 7 Lines 34-43 and Col 2 Lines 3-15); *an acquisition information transmitter for transmitting the data acquisition information to the information processing server* (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8);

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*and a display unit for displaying the contents constituting the document. (Sunaga Col 6 Lines 41-50)*

Sunaga does not specifically disclose *a first data decoder for decoding the first data, and generating data acquisition information for obtaining second data as a component of the document data; a second decoder for decoding the second data; and on the basis of the decoded first and second data.* However, Holleran mentions converting information (Holleran Col 9 Lines 27-35). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Holleran to Sunaga, providing Sunaga the benefit of converting or decoding information for the user to receive and use.

**In regard to dependent claim 17,** Sunaga discloses *a transfer information transmitter for transmitting transfer information designating a destination server to which the second data is to be transmitted, to the information processing server. (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8 and Col 2 Lines 3-15)*

**In regard to dependent claim 20,** Sunaga discloses *wherein said display data transmitter transmits, as the display data for display of the document data, a display program including edition data generated in the data edition unit, or image data indicating the edited document data in the static state, or a disgust of the edited document data. (Sunaga Col 5 Lines 5-24 and Col 60-67 and Col 7 Lines 1-8) (Sunaga Col 4 Lines 41-46)*

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***Conclusion***

**7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.**

Day et al.	U.S. Patent No. 6,243,722 B1	issued	6/5/2001
Takahashi	U.S. Patent No. 6,202,073 B1	issued	3/13/2001

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Londra C Burge whose telephone number is (571) 272-4122. The examiner can normally be reached on 8:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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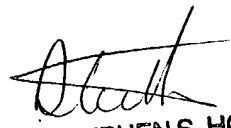
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*Arlington, VA, Fourth Floor (Receptionist).*

Londra C Burge  
9/22/04

  
**STEPHEN S. HONG**  
**PRIMARY EXAMINER**